

Abstract of the Disclosure

A data transferring apparatus includes a ring bus, which circularly transfers data by holding in a slot to one direction and a plurality of nodes connected to the ring bus. Each of the plurality of
5 nodes includes a detector and a controller. The detector detects whether or not data destined for a self-node is held in a slot arrived to another node connected to an upstream side of the self-node. The controller captures the data destined for the self-
10 node from the slot when the detector detects presence of the data destined for the self-node and the slot arrives to the self-node.